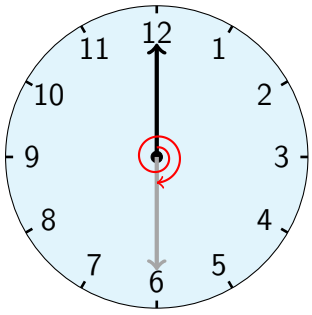
Play with TikZ

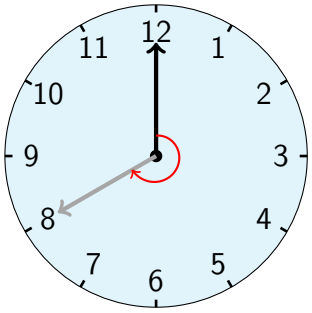
Just Us

December 28, 2018

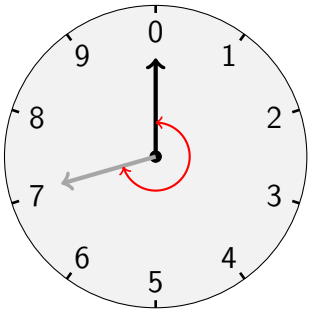
1 Chap 4 Trigonometric Functions



exam4-1-1 540°

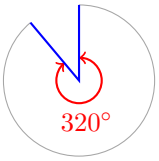


exam4-1-1b 240°



exer4-1-1

8/9 of a cake



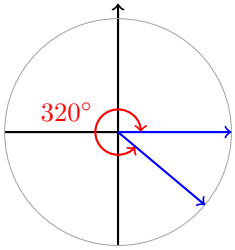
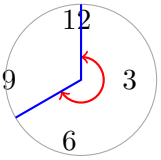


fig-4-1-angles320



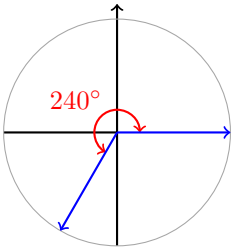


fig-4-1-angles40minutes

40 minutes

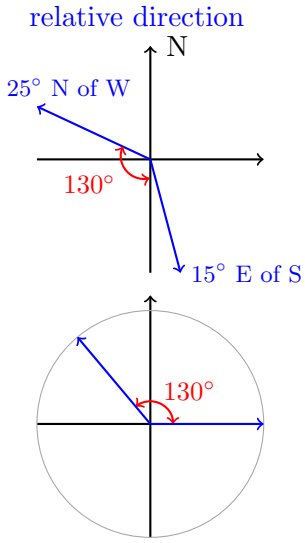


fig-4-1-angles-relativedirection

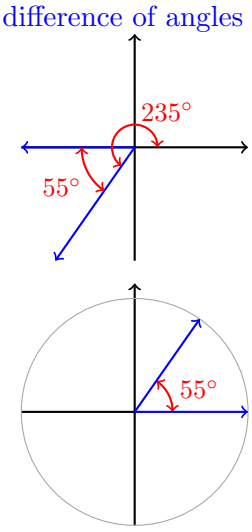
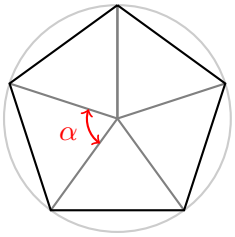
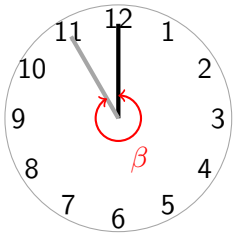


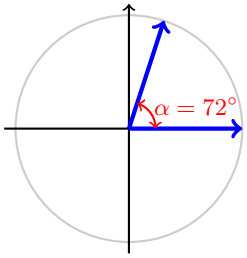
fig-4-1-angles-difference-of-angles



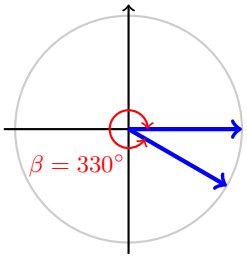
exam4-1-2a a.



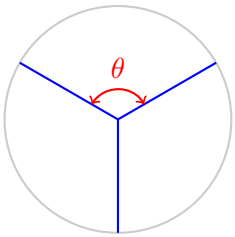
exam4-1-2b b.



exam4-1-2aans a.

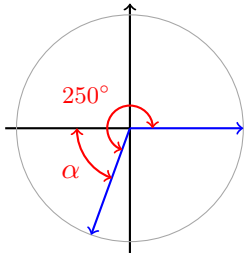


exam4-1-2bans b.



exer4-1-2a

a.



exer4-1-2b

b.

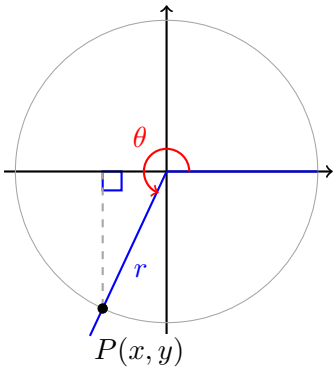
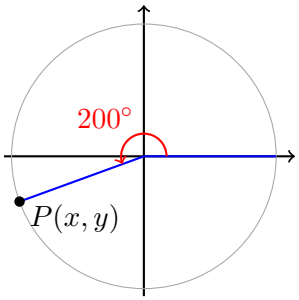
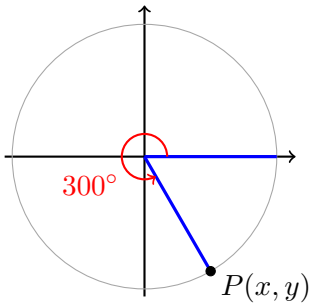


fig-4-1stanpos



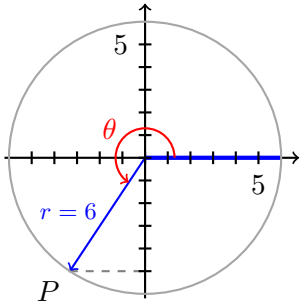
exam4-1-3a

a.

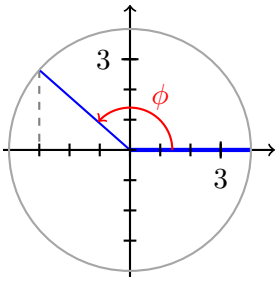


exam4-1-3b

b.



exam4-1-4



exer4-1-4

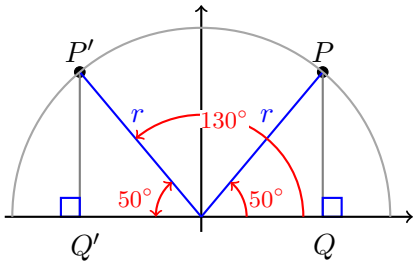
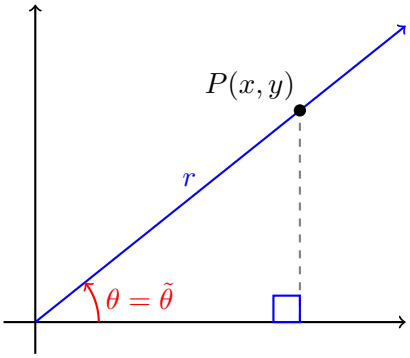
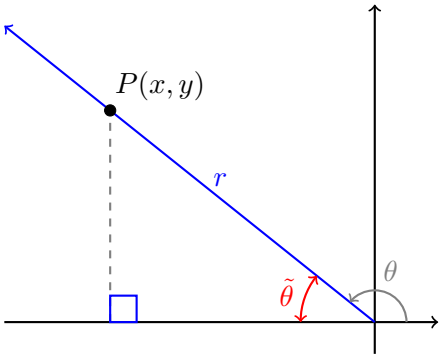


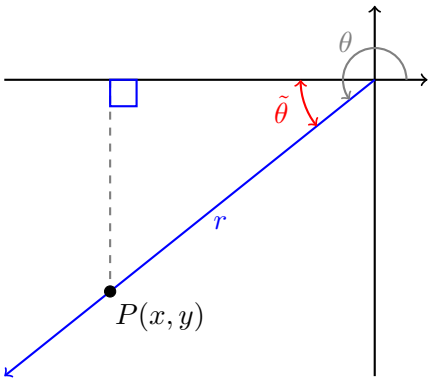
fig-4-1-refang



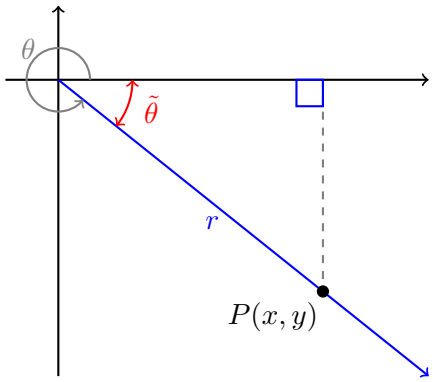
First-quadrant: $\tilde{\theta} = \theta$



Second-quadrant: $\tilde{\theta} = 180° -$



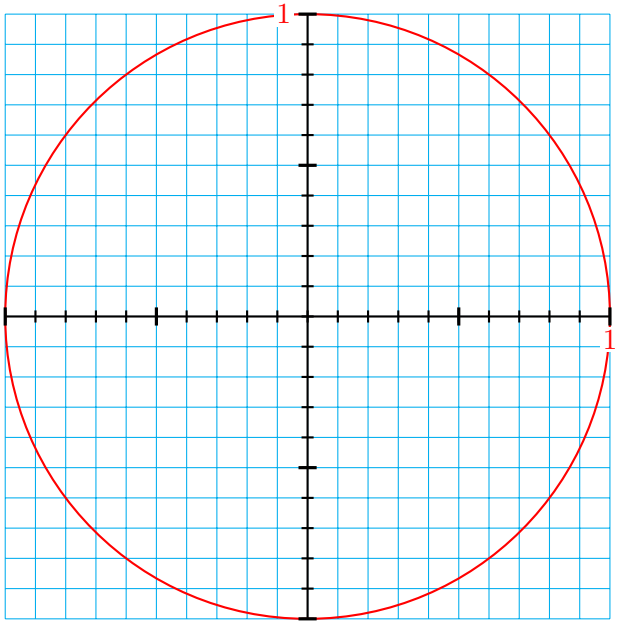
Third-quadrant: $\tilde{\theta} = \theta - 180°$

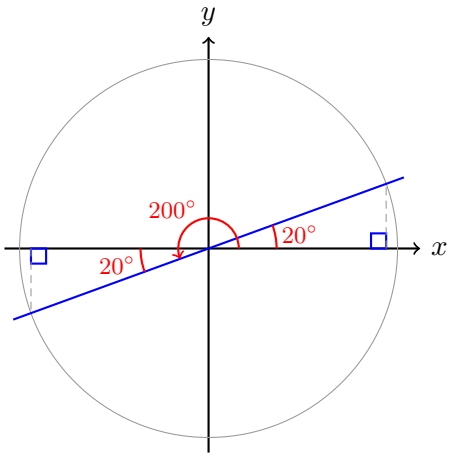


Fourth-quadrant: $\tilde{\theta} = 360° - \theta$

fig-4-1ref

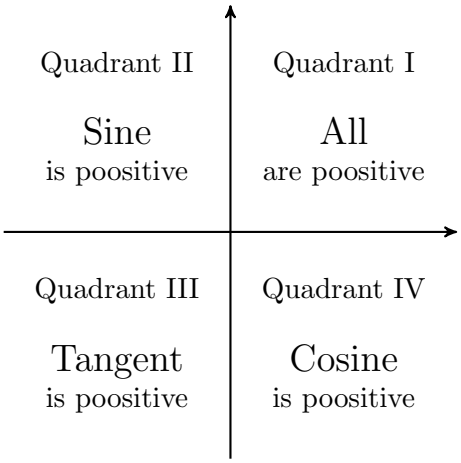
act4-1 grid





exam4-1-5

fig-4-1quads



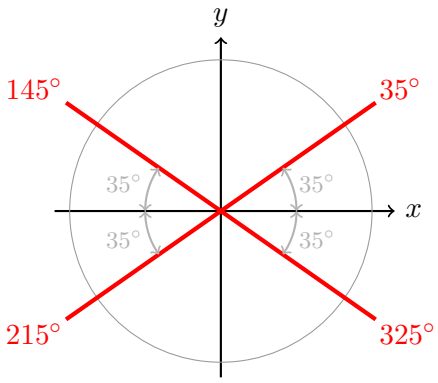
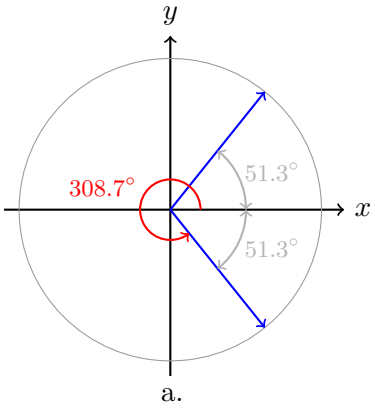
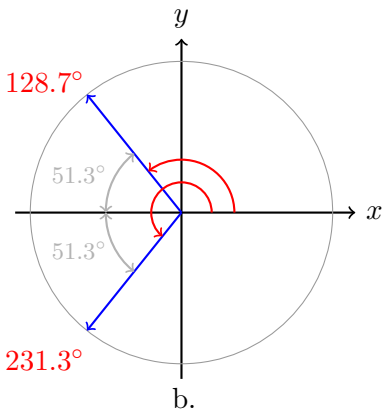


fig-4-1-bowtie



a.

exam4-1-6a



b.

exam4-1-6b

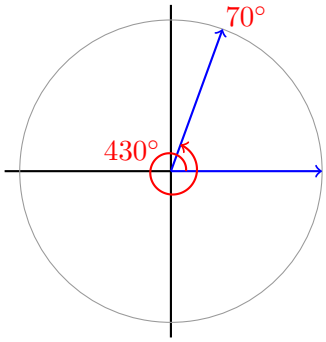


fig-4-1-coterm

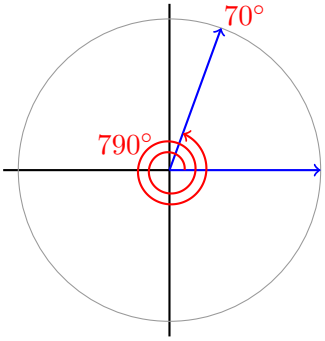


fig-4-1-coterm2

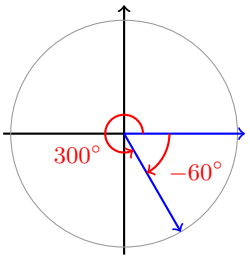
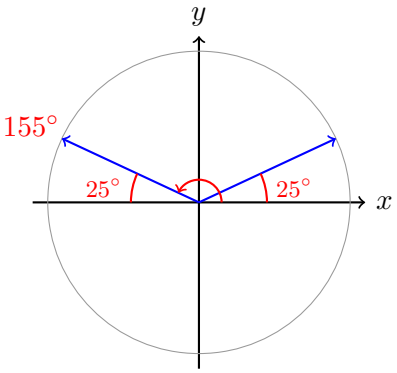
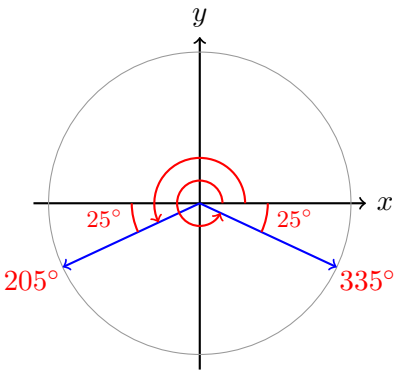


fig-4-1-negang



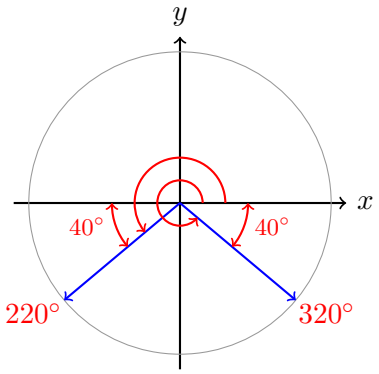
a.

fig-4-1-eqna

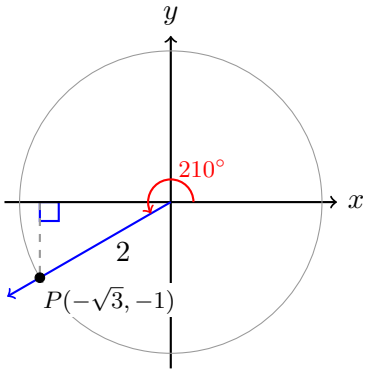


b.

fig-4-1-eqnb



exam4-1-8



exam4-1-9

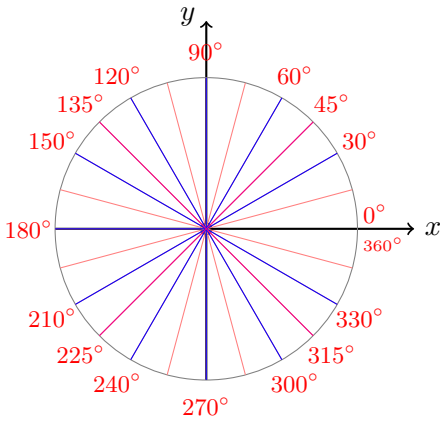
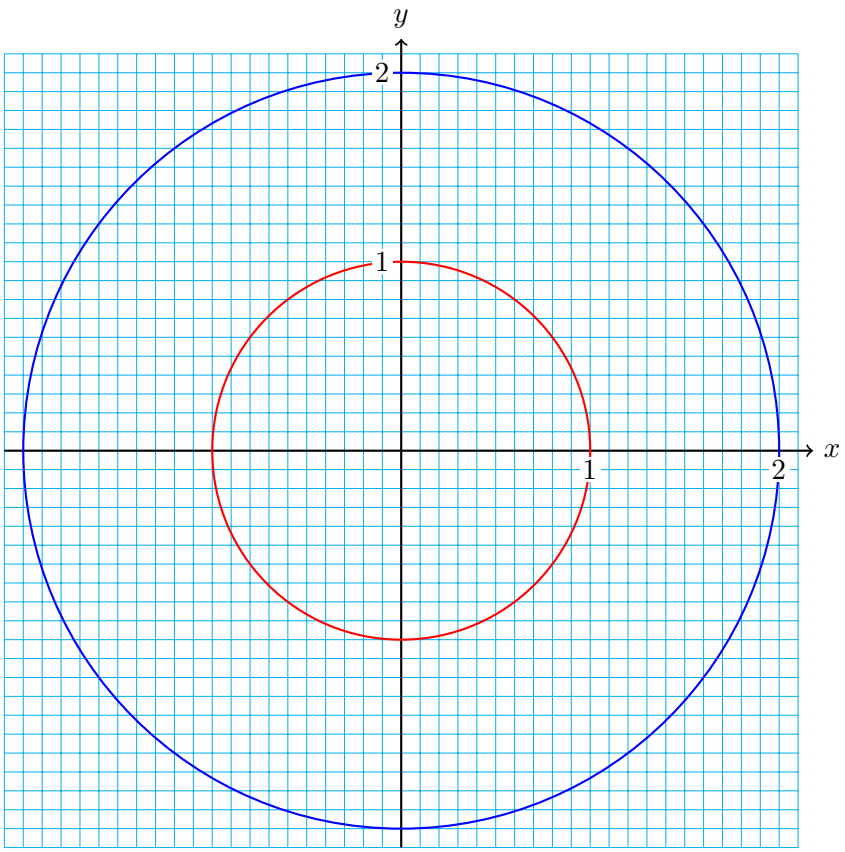
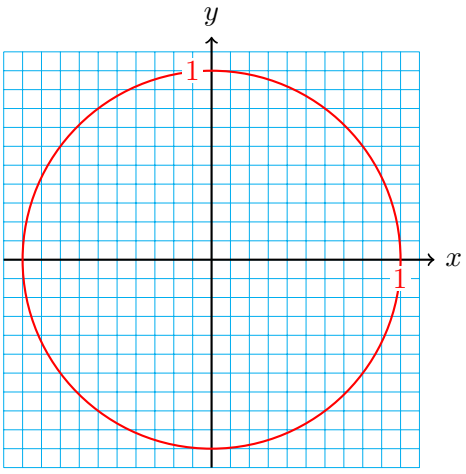


fig-4-1-specang

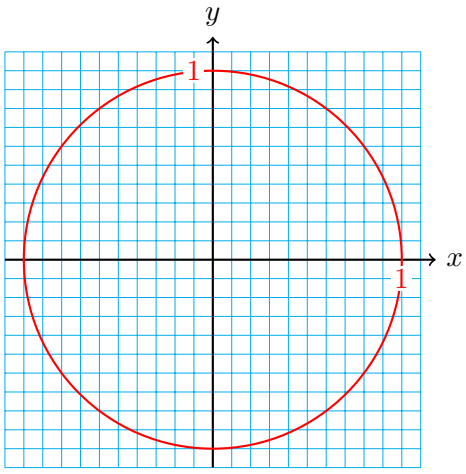


act4-2 grid

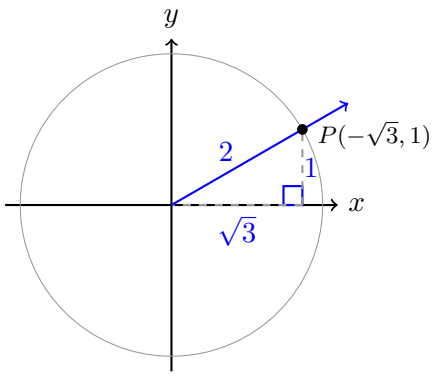
act4-2 grid



Use this grid for #6 and #7

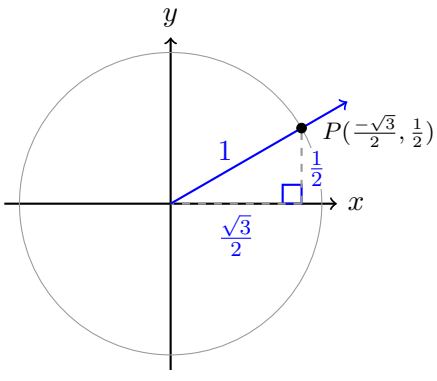


Use this grid for #8 and #9



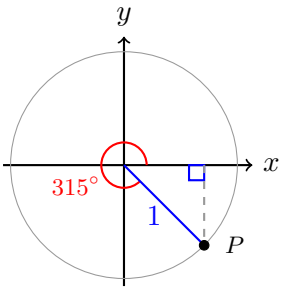
a.

fig-4-1-circle2

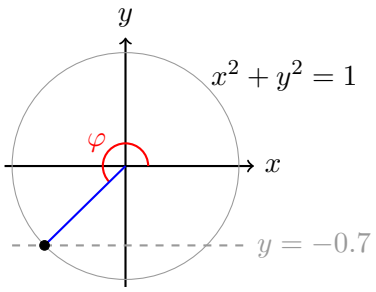


b.

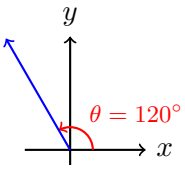
fig-4-1-unitcircle



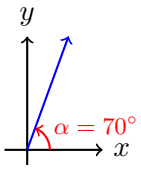
exam4-1-10



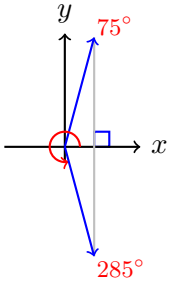
exer4-1-10



ar4-1-2a



ar4-1-2b



ar4-1-5

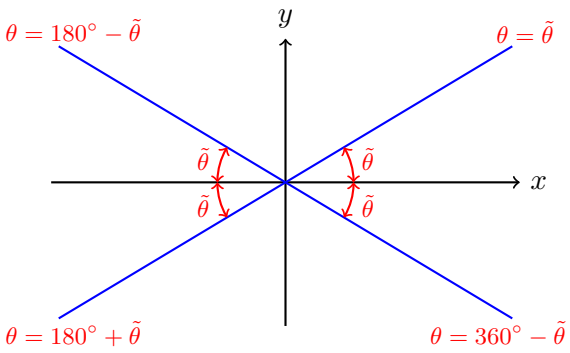
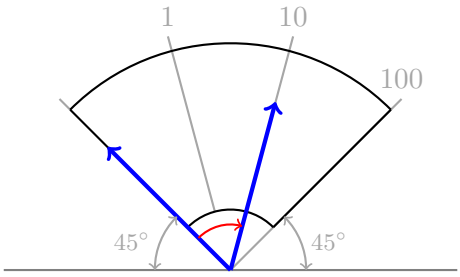
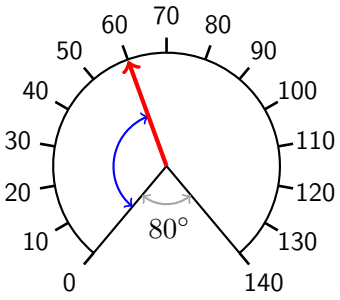


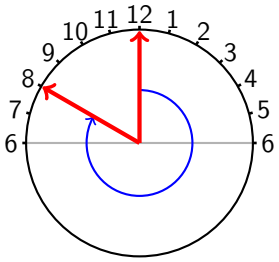
fig-4-1-concept6



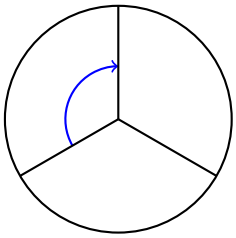
hp4-1-7 an electrical meter dial



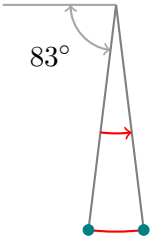
hp4-1-8 a speedometer



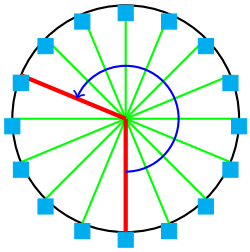
hp4-1-9 a sundial



hp4-1-10 a revolving door

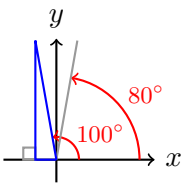


hp4-1-11 a swinging pendulum

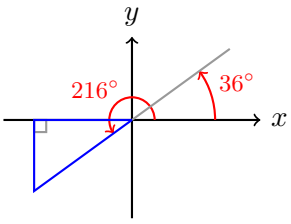


hp4-1-12 a Ferris wheel

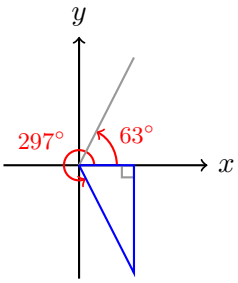
hp4-1-25ans



hp4-1-27ans



hp4-1-29ans



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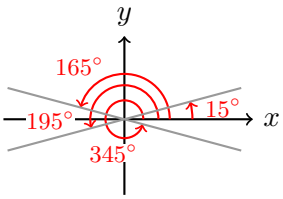

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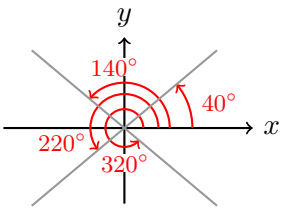
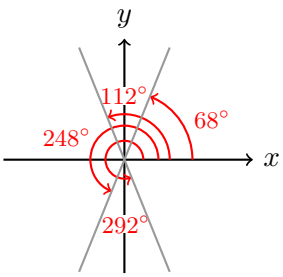
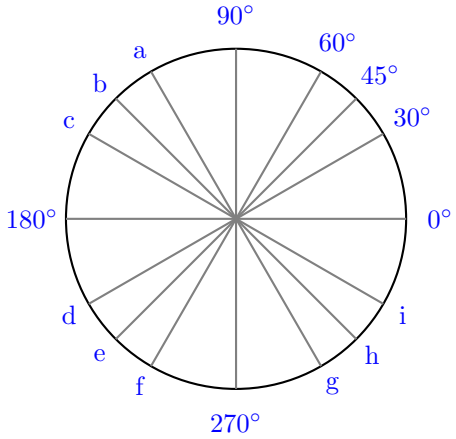
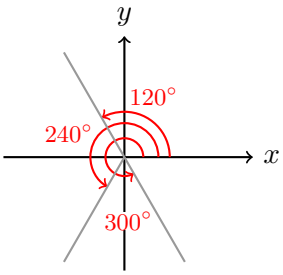




hp4-1-35ans



hp4-1-45



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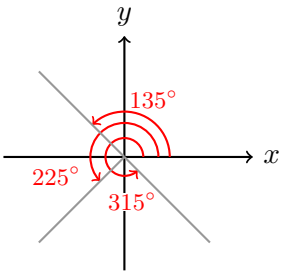
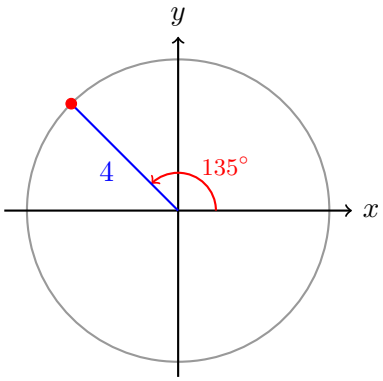
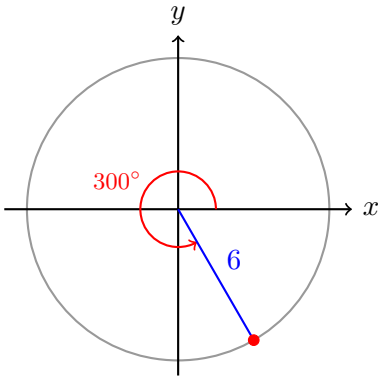


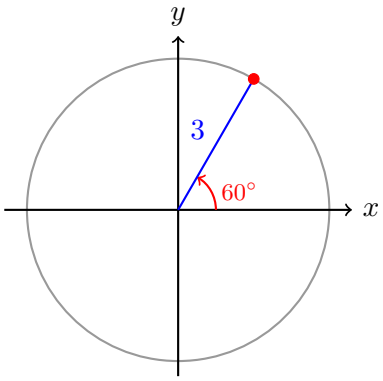
hp4-1-49ans



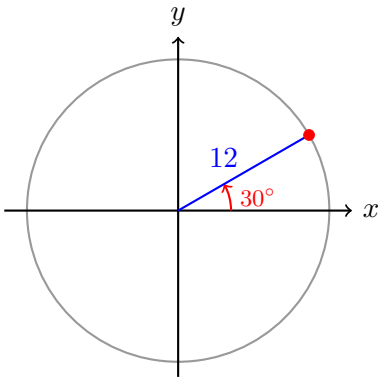
hp4-1-73



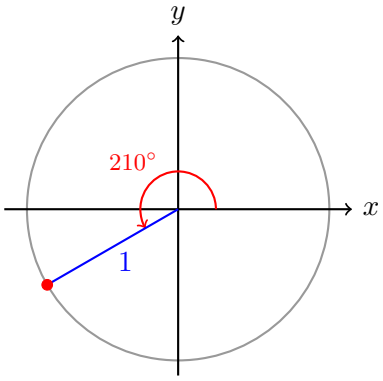
hp4-1-74



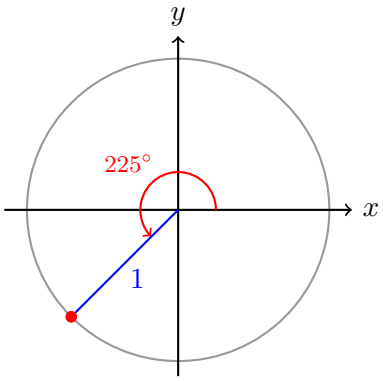
hp4-1-75



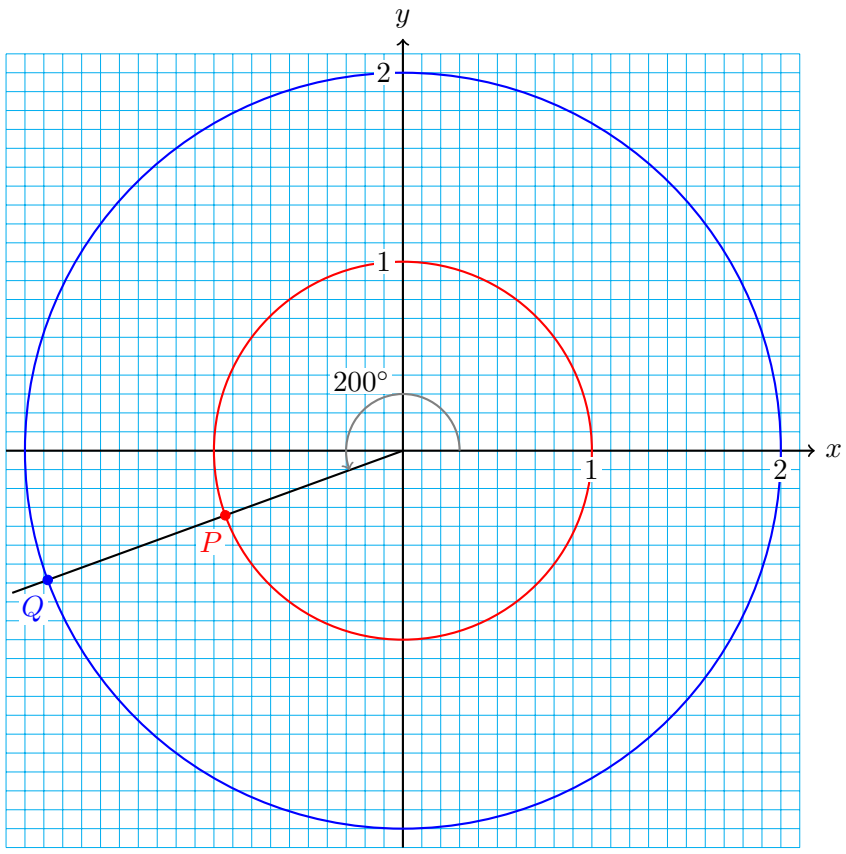
hp4-1-76



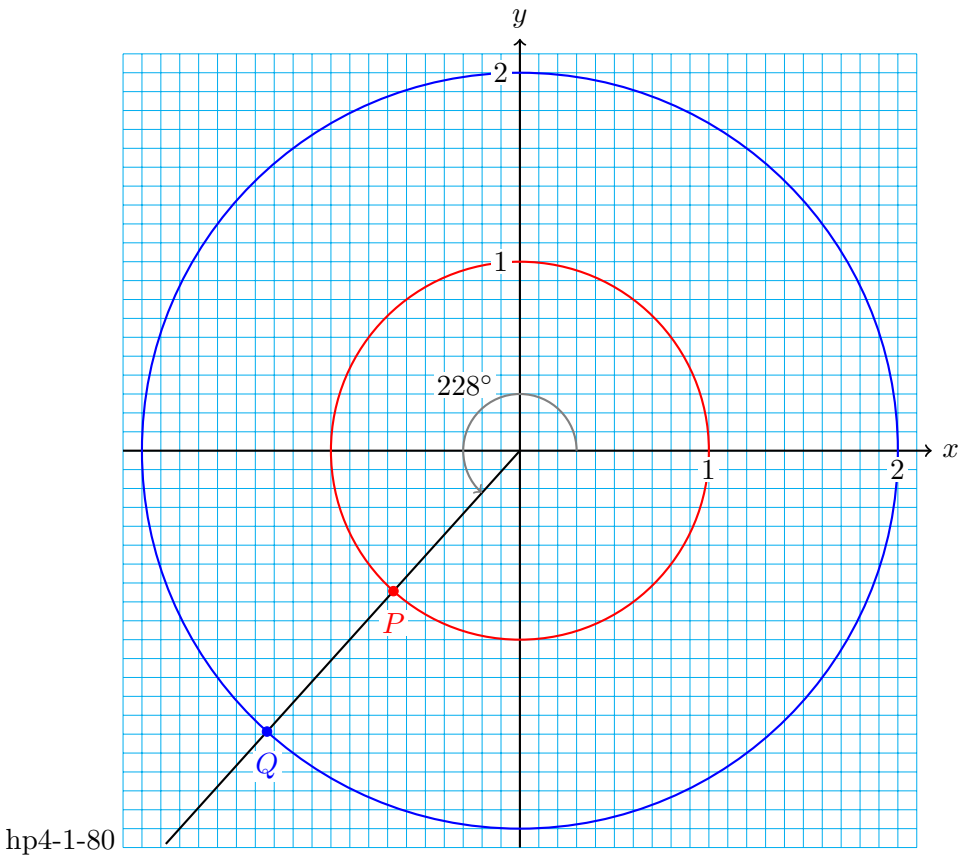
hp4-1-77



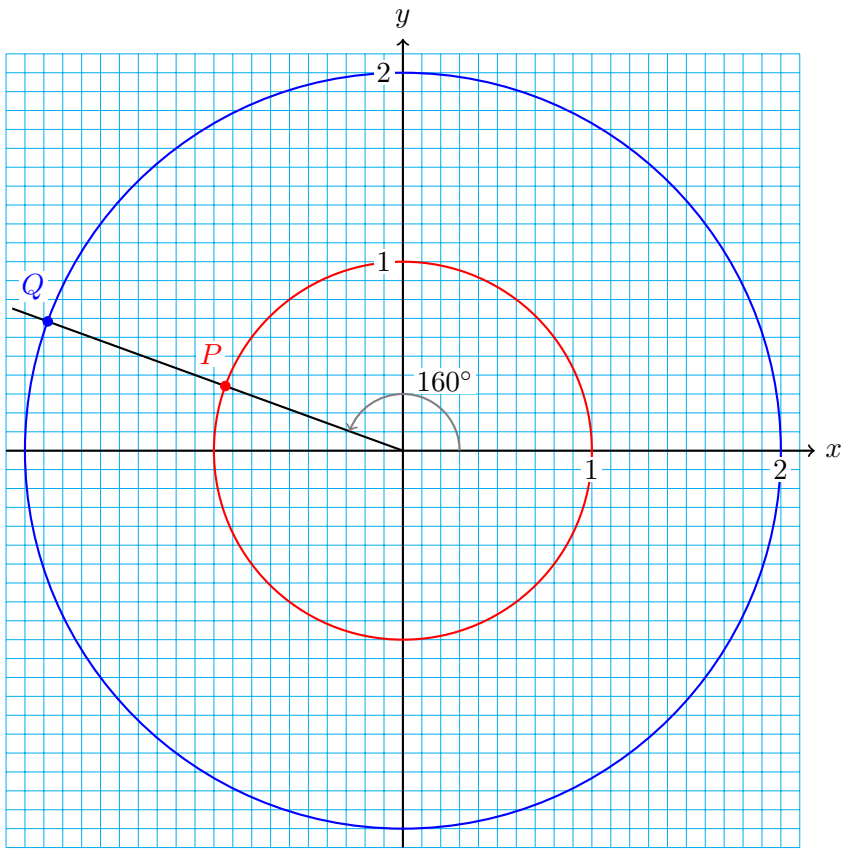
hp4-1-78



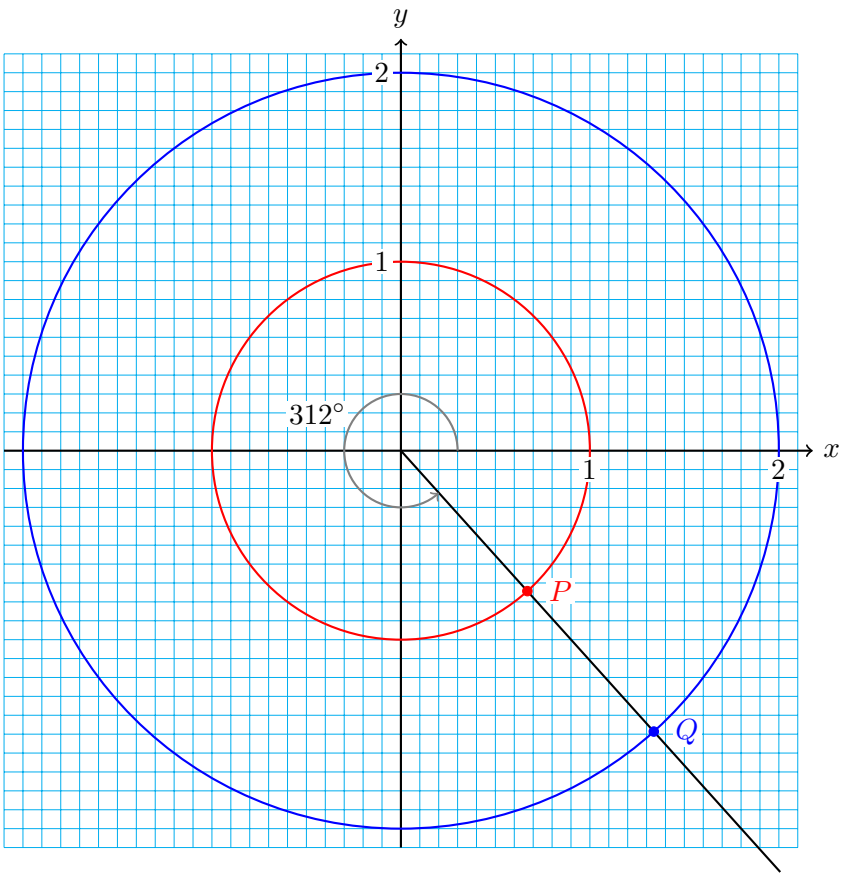
hp4-1-79



hp4-1-80



hp4-1-81



hp4-1-82

1.1 4.2 Graphs of trig functions

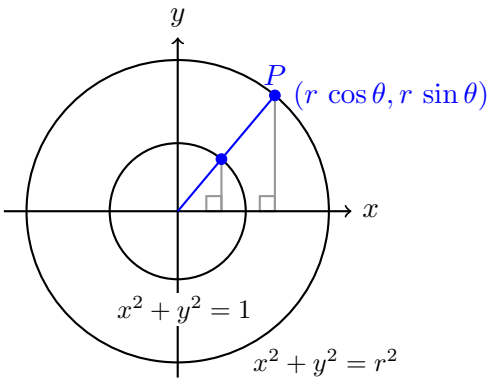
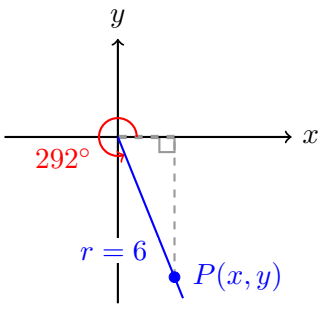
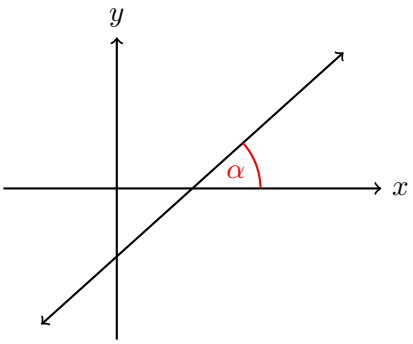


fig-4-2-rcircle

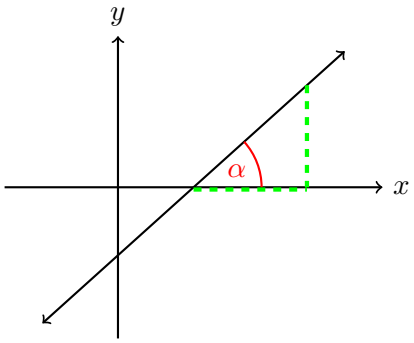


exam4-2-1

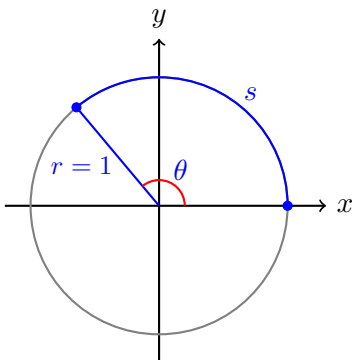
2 Stuff for later



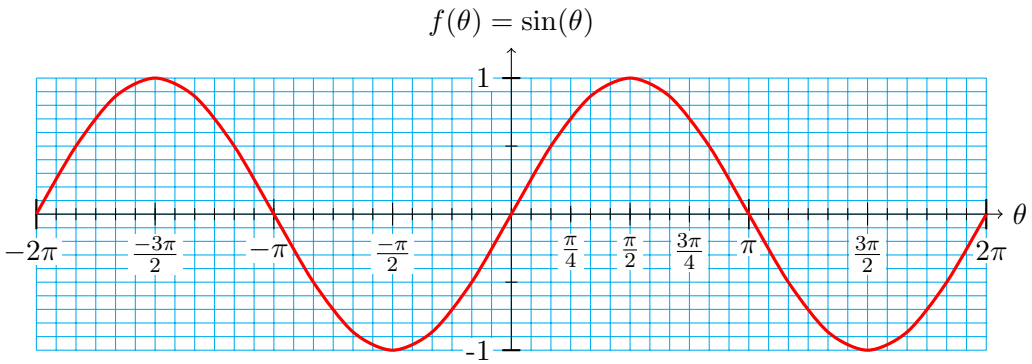
Section 4.2 Angle of inclination



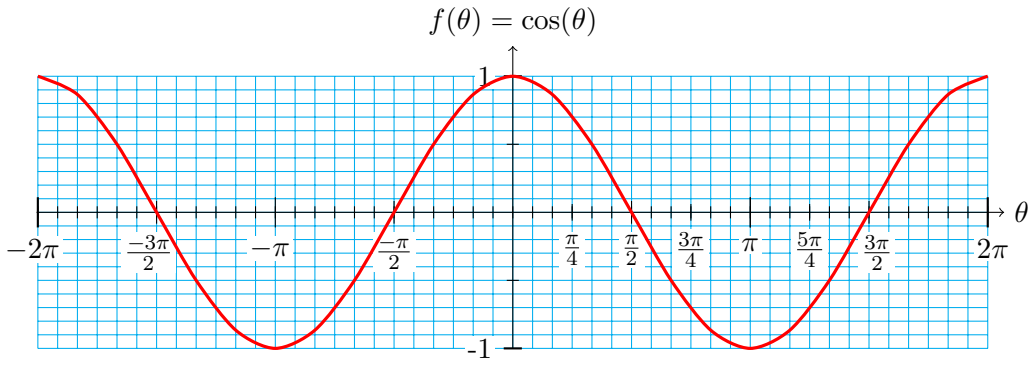
Section 4.2 Angle of inclination



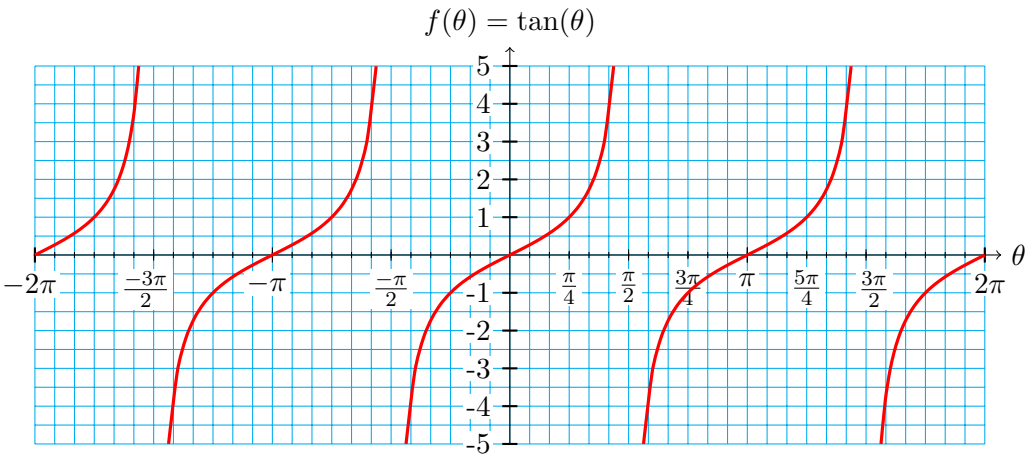
On a unit circle



sine graph

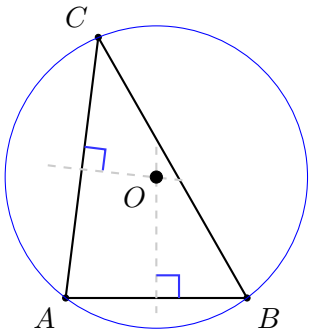


cosine graph

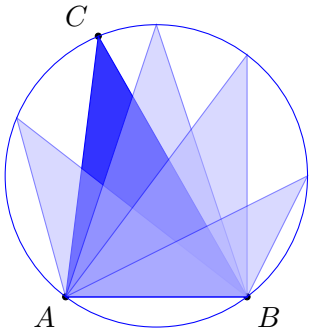


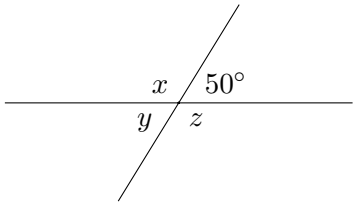
tangent graph

part A: law of sines a circumscribing circle



part B: law of sines a circumscribing circle





Exercise not used?